

1. (currently amended): An X-ray apparatus for inactivating cancer cells in a human body, comprising four X-ray guns, each of the four X-ray guns generating a separate frequency of an X-ray burst, a first separate frequency tuned to energize an amino acid base A, a second separate frequency tuned to energize an amino acid base G, a third separate frequency tuned to energize an amino acid base T, and a fourth separate frequency tuned to energize an amino acid base C, the four x-ray guns for providing a series of x-ray bursts.

2. (original): A method of inactivating cancer cells in a human body, comprising:
- (a) determining a sub-sequence of bases in DNA of cancer cells that are taken from a region of the human body, the sub-sequence of bases not being in DNA of normal cells that are also taken from the region of the human body; and
 - (b) irradiating a selected series of bases that are in the sub-sequence of bases of DNA of the cancer cells with a series of x-ray pulses, the irradiated cancer cell being in the human body, the irradiated cancer cells being identical to the cancer cells taken from the human body, the series of x-ray pulses having a sequence of frequencies that energize the series of bases of the DNA of the cancer cells being irradiated.